

ABSTRACT

The invention concerns a motor vehicle power steering system, comprising a steering column (1) of the vehicle and a power steering motor (4). The column (1) comprises an upper part bearing the steering wheel (2) and a lower part acting on a mechanical steering device (3). The invention is characterized in that it consists in setting the power assist setpoint which the motor (4) should apply to the steering column (1) on the basis of an information concerning the torque exerted on the steering wheel. Said information is obtained by measuring the angles at the steering wheel (1) and at the lower part of the column, and said setpoint is established by comparing the two angle measurements taking into account the rigidity of the steering column between the two angle-measuring points. The invention is applicable in motor vehicles.